

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

| | | | | |
|--------------------------------|--------------------------------|---------------------------------|--------------------|-------------|
| Date: 07.10.01 | Job No.: | ADR Yes/No: Y | ADR Date: 07.09.20 | ECN #: 1019 |
| Product No.: D412-630 | Created By: <i>[Signature]</i> | Approved By: <i>[Signature]</i> | | |
| Product Name: HELI-ACCESS-STEP | Checked By: <i>[Signature]</i> | General Manager Approval: | | |

| Distribution | Reqd | Resp | Received | Distribution | Reqd | Resp | Received |
|------------------------------|------|--------|-----------------------------|----------------------------|------|-------|-----------------------------|
| Production Manager | X | LL/JLM | <i>[Signature]</i> | Customer Technical Support | X | DStow | <i>[Signature]</i> 07.11.04 |
| Production Engineering Coord | X | EC/DD | <i>[Signature]</i> | Marketing | X | SW | <i>[Signature]</i> 07.11.04 |
| Director Quality Assurance | X | DT | <i>[Signature]</i> 07.11.09 | | | | |
| Customer Order Processing | X | BG/SB | <i>[Signature]</i> 09-11-07 | | | | |

Reason for Change: CUSTOMER RETURNED QTY. 8 DEFECTIVE GAS SPRINGS. MANUFACTURER RECOMMENDS INSTALLING SPRING SO BODY IS ALWAYS ABOVE SHAFT (THUS OIL LUBRICATING SEAL & SHAFT).

Documents Affected:
 RELEASE D2807 REV. D
 D3671 REV. A
 DSI 9386 REV. A
 IIN-D412-630 REV. L
 ICA-D412-630 REV. 3

| # | Engineering Actions | Reqd | Resp | Notes | Complete |
|----|--|------|-------|------------------------------------|-----------------------------|
| 1 | Required Documents/Drawings Under Review | Y | KJ | | 07.09.27 <i>[Signature]</i> |
| 2 | Update Blue/Pink/DSI Folder and Electronic Files | Y | KJ | | 07.11.08 <i>[Signature]</i> |
| 3 | Update D-Part/M-Drawing/DSI/DEO Master Binders | Y | KJ | | 07.11.08 <i>[Signature]</i> |
| 4 | Update Grey Project Binder | Y | KJ/DC | | 07.11.08 <i>[Signature]</i> |
| 5 | Move Electronic Files | Y | KJ | | 07.11.08 <i>[Signature]</i> |
| 6 | Update Master Document List (MDL) <i>Rev. G</i> | Y | DC | | 07.10.30 <i>[Signature]</i> |
| 7 | Update Document Record (DR) <i>Rev. P</i> | Y | KJ | | 07.11.08 <i>[Signature]</i> |
| 8 | Create/Update Change Record Form | Y | KJ | SEE ITEM 1 ON SHEET 2 | 07.11.08 <i>[Signature]</i> |
| 9 | Create/Update PPP's | Y | KJ | | 07.11.08 <i>[Signature]</i> |
| 10 | Update Controlled PDF Files | Y | KJ | | 07.11.08 <i>[Signature]</i> |
| 11 | Notify TC/FAA of Change | N | | | |
| 12 | Update QSI 021 and/or STC Approval List | N | | | |
| 13 | Update Product Development Summary | N | | | |
| 14 | Update Accpac Database | Y | KJ | SEE ITEM 2 ON SHEET 2 | 07.11.08 <i>[Signature]</i> |
| 15 | Update Access (ARC) Database | Y | KJ | | 07.11.08 <i>[Signature]</i> |
| 16 | Update/Verify ARC | Y | KJ | | 07.11.08 <i>[Signature]</i> |
| 17 | Update Paperwork Kits in Production | Y | KJ | ADD DSI 9386 TO KITS IN PRODUCTION | 07.11.08 <i>[Signature]</i> |
| 18 | Update Qpulse/Laminated Dwgs | N | | | |
| 19 | Update Product Compatability Matrix | N | | | |
| 20 | Create Eurocopter Form (FEE) | N | | | |
| 21 | | | | | |

| # | Production Actions | Reqd | Resp | Notes | Complete |
|----|--|------|-------|-------------------------------|-----------------------------|
| 22 | Create/Update Coss IPP/BOM | Y | DD/EC | SEE ITEM 3 ON SHEET 2 | 07/11/19 <i>[Signature]</i> |
| 23 | Update FAI Sheets | N | | | |
| 24 | Create/Update CNC Programs | N | | | |
| 25 | Create/Update Tooling | N | | | |
| 26 | Red Tag Stock (Specify) | N | | | |
| 27 | Rework/Scrap Current Production and/or Stock | Y | LL | SEE ITEM 4 ON SHEET 2 | 07.11.22 <i>[Signature]</i> |
| 28 | Update Paperwork Kits in Stock | Y | LL | ADD DSI 9386 TO KITS IN STOCK | 07.11.12 <i>[Signature]</i> |
| 29 | Create/Update MPP | N | | | |
| 30 | | | | | |

| # | Quality Assurance Actions | Reqd | Resp | Notes | Complete |
|----|---------------------------|------|-------|------------------------------|-----------------------------|
| 31 | Notify Previous Customers | Y | DStow | NOTIFY CUSTOMERS OF DSI 9386 | 08.03.26 <i>[Signature]</i> |
| 32 | Notify Eurocopter France | N | | | |
| 33 | | | | | |

Description / Action:
 RELEASE D2807 REV. D, D3671 REV. A, DSI 9386 REV. A, IIN-D412-630 REV. L, ICA-D412-630 REV. 3

07.10.01

rc lmo

ECN #1019 – ADDITIONAL NOTES

1. D412-630-011/-012/-013/-014 NOW @ CHG 006
D412-630-023/-024 NOW @ CHG 004
D412-630-033/-034 NOW @ CHG 003
2. CHG D2807 TO D2807-041; CREATE D3671-1
3. CREATE DSI 9386-011 KIT & D3671-1; UPDATE D2807
4. ADD D3671-1 PLACARD TO D2807 GAS SPRING IN STOCK

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

| | | | | |
|--------------------------------|----------|-------------------------|---------------------------|-------------|
| Date: 07.10.01 | Job No.: | ADR Yes/No: Y | ADR Date: 07.09.26 | ECN #: 1019 |
| Product No.: D412-630 | | Created By: [Signature] | Approved By: [Signature] | |
| Product Name: HELI-ACCESS-STEP | | Checked By: [Signature] | General Manager Approval: | |

| Distribution | Reqd | Resp | Received |
|------------------------------|------|--------|----------|
| Production Manager | X | LL/JLM | |
| Production Engineering Coord | X | EC/DD | |
| Director Quality Assurance | | | |
| Customer Order Processing | X | 06/58 | |

| Distribution | Reqd | Resp | Received |
|----------------------------|------|-------|----------|
| Customer Technical Support | X | DStow | |
| Marketing | X | SW | |
| | | | |
| | | | |

Reason for Change: CUSTOMER RETURNED QTY. 8 DEFECTIVE GAS SPRINGS. MANUFACTURER RECOMMENDS INSTALLING SPRING SO BODY IS ALWAYS ABOVE SHAFT (THUS OIL LUBRICATING SEAL & SHAFT).

Documents Affected:

RELEASE D2807 REV. D
D3671 REV. A
DSI 9386 REV. A
IIN-D412-630 REV. L
ICA-D412-630 REV. 3

REFERENCE ONLY

| # | Engineering Actions | Reqd | Resp | Notes | Complete |
|----|--|------|-------|-----------------------|----------|
| 1 | Required Documents/Drawings Under Review | Y | KJ | | 07.09.27 |
| 2 | Update Blue/Pink/DSI Folder and Electronic Files | Y | KJ | | 07.11.08 |
| 3 | Update D-Part/M-Drawing/DSI/DEO Master Binders | Y | KJ | | 07.11.08 |
| 4 | Update Grey Project Binder | Y | KJ/DC | | 07.11.08 |
| 5 | Move Electronic Files | Y | KJ | | 07.11.08 |
| 6 | Update Master Document List (MDL) <i>Rev. G</i> | Y | DC | | 07.10.30 |
| 7 | Update Document Record (DR) <i>Rev. O</i> | Y | KJ | | 07.11.08 |
| 8 | Create/Update Change Record Form | Y | KJ | SEE ITEM 1 ON SHEET 2 | 07.11.08 |
| 9 | Create/Update PPP's | Y | KJ | | 07.11.08 |
| 10 | Update Controlled PDF Files | Y | KJ | | 07.11.08 |
| 11 | Notify TC/FAA of Change | N | | | |
| 12 | Update QSI 021 and/or STC Approval List | N | | | |
| 13 | Update Product Development Summary | N | | | |
| 14 | Update Accpac Database | Y | KJ | SEE ITEM 2 ON SHEET 2 | 07.11.08 |
| 15 | Update Access (ARC) Database | Y | KJ | | 07.11.08 |
| 16 | Update/Verify ARC | Y | KJ | | 07.11.08 |
| 17 | Update Paperwork Kits in Production | Y | KJ | | |
| 18 | Update Qpulse/Laminated Dwgs | N | | | |
| 19 | Update Product Compatability Matrix | N | | | |
| 20 | Create Eurocopter Form (FEE) | N | | | |
| 21 | | | | | |

| # | Production Actions | Reqd | Resp | Notes | Complete |
|----|--|------|-------|-------------------------------|---------------------|
| 22 | Create/Update Coss IPP/BOM | Y | DD/EC | SEE ITEM 3 ON SHEET 2 | |
| 23 | Update FAI Sheets | N | | | |
| 24 | Create/Update CNC Programs | N | | | |
| 25 | Create/Update Tooling | N | | | |
| 26 | Red Tag Stock (Specify) | N | | | |
| 27 | Rework/Scrap Current Production and/or Stock | Y | LL | SEE ITEM 4 ON SHEET 2 | h 07.11.22 w/083961 |
| 28 | Update Paperwork Kits in Stock | Y | LL | ADD DSI 9386 TO KITS IN STOCK | h 07.11.12-35412 |
| 29 | Create/Update MPP | N | | | |
| 30 | | | | | |

| # | Quality Assurance Actions | Reqd | Resp | Notes | Complete |
|----|---------------------------|------|-------|------------------------------|----------|
| 31 | Notify Previous Customers | Y | DStow | NOTIFY CUSTOMERS OF DSI 9386 | |
| 32 | Notify Eurocopter France | N | | | |
| 33 | | | | | |

Description / Action:

RELEASE D2807 REV. D, D3671 REV. A, DSI 9386 REV. A, IIN-D412-630 REV. L, ICA-D412-630 REV. 3

Date: Monday, 19/11/2007 8:52:06 AM
User: Linda Lacelle

'Where Used ' Report

Item Number:

D2807

Required by Jobs

| Job Number | Seqn. # | S.O. No. | Alloc. Qty. | Qty. Used | Qty. Required | Due Date |
|---------------------------|---------|----------|-------------|-----------|---------------|------------|
| Item: D2807 | | | | | | |
| 33998 | 5.0 | | 10.00000 | 0.00000 | 10.00000 | 05/09/2007 |
| 33999 | 5.0 | | 10.00000 | 0.00000 | 10.00000 | 05/09/2007 |
| 35255 | 24.0 | | 4.00000 | 0.00000 | 4.00000 | 26/11/2007 |
| 35256 | 24.0 | | 4.00000 | 0.00000 | 4.00000 | 26/11/2007 |
| Total Records Retrieved : | | | 4 | | | |

35792
798